

## SCIENTIFIC NOTE

**FIRST RECORD OF *ALEIODES DEPANOCHORA*  
(HYMENOPTERA: BRACONIDAE) FROM BRAZIL**A. M. Pentead-Dias<sup>2</sup>

**ABSTRACT:** *Aleiodes depanochora* is recorded for the first time from Manaus, Descalvado and Dourado, Brazil.

*Aleiodes depanochora* van Achterberg belongs to the *Aleiodes dispar* group in which males have peculiar depressions on the second and third metasomal tergites that are absent in females (van Achterberg, 1985). The *Aleiodes dispar* group includes eight species: three from the Old World, *A. excavatus* (Telenga, 1941), *A. takasuae* van Achterberg, 1985 and *A. yasirae* van Achterberg, 1995, and five from the Neotropical region: *A. elliptedepressus* Pentead-Dias & van Achterberg, 1995, from Brazil, *A. longipendulatus* van Achterberg, 1985, from Costa Rica, *A. rugosicostalis* van Achterberg, 1995, from Peru, *A. brevipendalatus* van Achterberg, 1995, from Ecuador and *A. depanochora*, van Achterberg, 1995, from Peru. The localities listed below are the first records for *A. depanochora* from Brazil.

**Diagnosis:** *Aleiodes depanochora* can be recognized by the following characters: head (except stemmaticum) yellowish-brown dorsally; side of pronotum dark brown or infusate, paler parts not strongly contrasting with darker parts; metasomal tergites 1-3 partly infusate; pterostigma evenly dark brown; hind tarsus infusate or dark brown; length of malar space of male 1.1-1.2 times basal width of mandible and 0.3-0.35 times height of eye; face transversely rugose, dorsal face of pronotum in lateral view distinctly protruding; hind coxa densely transversely striate dorsally; first metasomal tergite more coarsely rugose laterally than medially and somewhat widened posteriorly; fourth tergite of male partly retracted and smooth; depression of second metasomal tergite of male without median carina and slender ovoid; median carina of second tergite of male 0.2-0.4 times length of depression; ratio of forewing veins 1-CUI: 2-CUI = 1: 8 - 12, vein 3-SR of fore wing 1.0-1.3 times as long as vein 2-SR.

**Specimens examined:** 4 males, BRAZIL, Amazonas, Manaus, B. Klein, November 8, 25, 29, 1984 (Instituto Nacional de Pesquisas da Amazônia); 1 male, BRAZIL, São Paulo, Descalvado, Fazenda Escaramuças, M. M. Dias, 9.XI, 1985 (light trap); 1 male, BRAZIL, São Paulo, Dourado, Fazenda Morro Chato, L. A. Joaquim, 26.V.1994 (Departamento de Ecologia e Biologia Evolutiva da Universidade Federal de São Carlos, SP).

The specimens from Manaus were collected in the Amazonian rainforest and those from Descalvado and Dourado were collected in Atlantic forest areas (Fig. 1).

The discovery of the same species in the primary rain forest (Peru and Manaus) and in the secondary Atlantic forest (Dourado and Descalvado) is specially interesting. The biology of the *Aleiodes dispar* group species is unknown; the sparse data available on them indicate that they are parasites of lepidopterous larvae living in low vegetation (van Achterberg, & Pentead-Dias, 1995). Same as *Aleiodes yasirae* van Achterberg, 1995 and *A. elliptedepressus* van Achterberg & Pentead-Dias, 1995, we found *A. depanochora* in lowland vegetation, in a gallery forest close to a river. Probably that is the distribution pattern for Brazilian *Aleiodes dispar* group species and there we can find their hosts.

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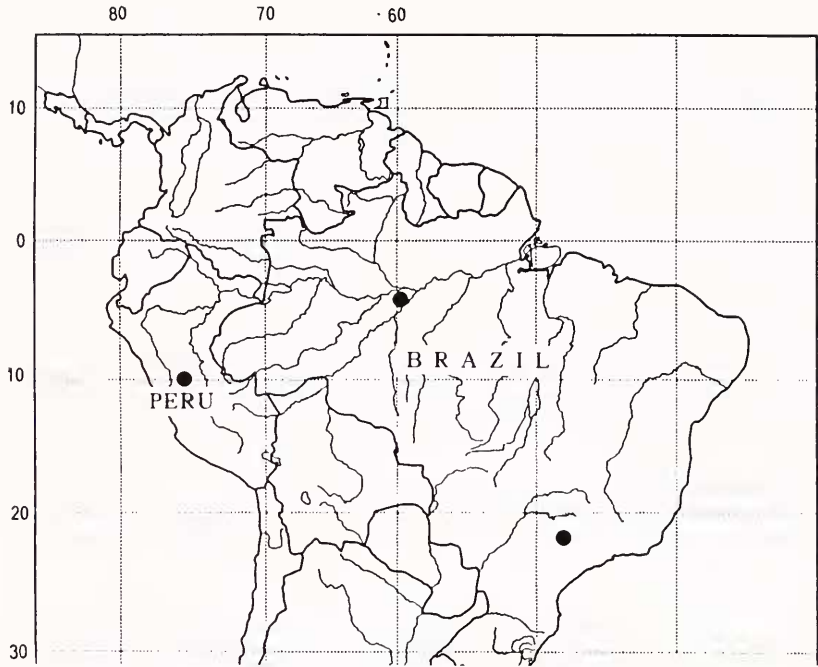


Figure 1. Collection records of *Aleiodes depanochora* van Achterberg.

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